

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 61-282974

(43)Date of publication of application : 13.12.1986

(51)Int.Cl.

G06F 15/66

G09G 1/00

G09G 1/16

(21)Application number : 60-123843

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(22)Date of filing : 07.06.1985

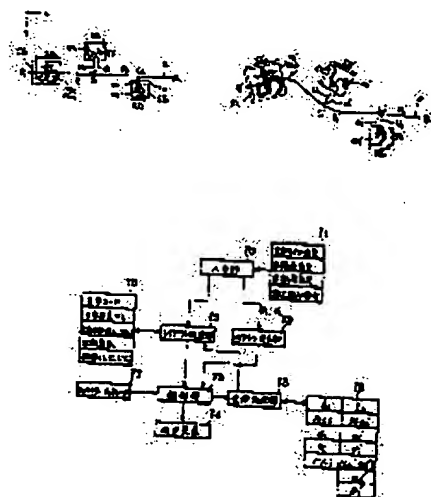
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### (54) CHARACTER PROCESSING SYSTEM

#### (57)Abstract:

**PURPOSE:** To facilitate altering a layout and to improve working efficiency by considering the character layout to be one group of characters supervised by a guide line and calculating the relative position relationship between characters.

**CONSTITUTION:** When the guide line (b) is generated to alter the guide line 9a) in accordance with the correction of the layout, a conversion processing part 78 obtains a magnification (e) from the length of the guide line (b) with respect to the guide line (a), and further obtains the length  $ld$  of the guide line (b), a distance  $P'0c'i$  from a start point  $P'0$  to an intersection  $c'i$ , and the relative position relationship between a character size ( $XSi, SYi$ ), the length  $d'i$  of a perpendicular  $Hi$  at each intersection  $c'i$ , the inclination  $\phi'i$  of the perpendicular  $Hi$ , a character position  $m'i$ , rotational angle  $\theta'i$ , etc., according to commands altering a character size, the length of a perpendicular and a rotational angle instructed by an input part 70 separately, and stores said relationship in a memory part 79. When the relative position relationship of the character with respect to the guide line (b) is obtained in such a way, a layout processing part 75 executes the layout processing according to the relative position relationship obtained in the alteration processing part 78, and outputs the layout result to an output device 74.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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